



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
APPLICATION AND FEE TRANSMITTAL

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This is a request for filing a ☐ continuation patent application ☒ divisional patent application

under 37 C.F.R. §1.53(b), of pending prior application Serial No. 09/823,033 filed on March 29, 2001
entitled METHODS FOR PROMOTING GROWTH OF BONE, LIGAMENT AND CARTILAGE,
incorporated herein by reference.

Prior Examiner: Jiang, D. Prior Art Unit: 1646

Enclosed are the following papers:

- ☒ 39 pages of specification
- ☒ 2 sheets of Declaration and Power of Attorney
- ☒ 8 sheets of Figures
- ☒ 11 pages of sequence listing

☒ Cancel in this application original claims 14-21.

☐ A Preliminary Amendment is enclosed.

☒ The prior application is assigned of record to ZymoGenetics, Inc. recorded on February 6, 2003,
Reel 013409, Frame 0202.

☒ Address all future communications to Gary E. Parker, Patent Department, ZymoGenetics, Inc., 1201
Eastlake Avenue East, Seattle, Washington 98102.

☐ Enclosed is an ASCII Computer Disk Sequence pursuant to 37 C.F.R. 1.821(f). It is believed that
the content of the paper sequence listing and the computer readable sequence listing are the same.

CALCULATION OF APPLICATION FEE

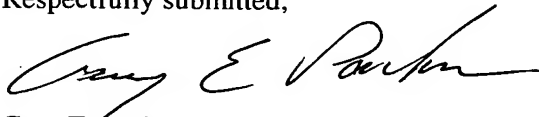
Claim Type	No. Filed	Less	Extra	Extra Rate	Fee
Total	18	-20	0	\$9.00	\$000.00
Independent	3	-3	0	\$42.00	\$000.00
Basic Fee					\$375.00
Multiple Dependency Fee					\$000.00
If Applicable (\$140.00)					\$000.00
Total Filing Fee					\$375.00

Applicants claim small entity status. Please charge ZymoGenetics, Inc., Deposit Account No. 26-0290 as follows:

- ☒ Filing fee, estimated to be \$375.00
- ☐ Assignment recording fee
- ☒ Any additional fees associated with this paper or during the pendency of this application.
- ☐ The issue fee set in 37 C.F.R. 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

A copy of these sheets is enclosed.

Respectfully submitted,



Gary E. Parker
Registration No. 31,648

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

EXPRESS MAIL CERTIFICATE

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: U.S. Patent Application for
METHODS FOR PROMOTING GROWTH OF BONE, LIGAMENT
AND CARTILAGE

Applicants: Charles E. Hart, Debra G. Gilbertson

Sir:

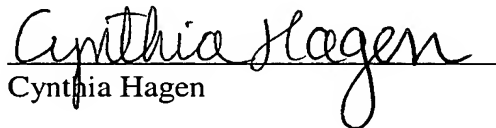
Express Mail Label No. EV331815658US

Date of Deposit September 19, 2003

I hereby certify that the following attached paper(s) or fee

1. Return Postcard
2. Application And Fee Transmittal (in duplicate)
3. Patent Application (39 pages)
4. Figures (8 sheets of drawings)
5. Copy of Executed Declaration and Power of Attorney (2 pages)
6. Sequence Listing (11 pages)
7. Letter Regarding Sequence Listing
8. Letter Identifying Changes

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee"
under 37 C.F.R. 1.10 on the date indicated above, addressed to the Commissioner for Patents, P.O.
Box 1450, Alexandria, VA 22313-1450.


Cynthia Hagen

ZymoGenetics, Inc.
1201 Eastlake Avenue East
Seattle, WA 98102
(206) 442-6600

Express Mail Label No. EV331815658US

PATENT APPLICATION

File No.: 00-12D1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Charles E. Hart, Debra G. Gilbertson
For: METHODS FOR PROMOTING GROWTH OF BONE,
LIGAMENT AND CARTILAGE
Filed: September 19, 2003

LETTER IDENTIFYING CHANGES

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

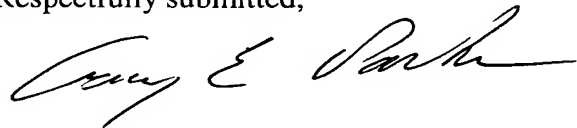
Sir:

The specification submitted herewith has been amended from the parent application as follows:

Page 1 has been amended to update the Cross-Reference to Related Applications.

Throughout the application, trademarks have been shown in capital letters.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Gary E. Parker", written in a cursive style.

Gary E. Parker
Registration No. 31,648